

Amendment to the Claims

Please amend claims 8 and 11, and cancel claims 1-7, 9 and 12-13 without prejudice.

Claims 1-7 (canceled)

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Claim 8 (amended): A method for diagnosing at least one potential or actual fault in a machine comprising:

analyzing data from the machine to determine a fault indicia for at least one potential or actual fault;

applying said data to a plurality of filters wherein each filter is user configured to recognize a specific error in said machine; and

applying the fault indicia to a fault tree having a starting point and being representative of the machine, the fault indicia being applied at a location other than the starting point of the fault tree to determine a diagnostic path within the fault tree.

Cancel Claim 9.

Claim 10 (original): The method of Claim 1 wherein the data is in a log data file format.

Claim 11 (amended): A system for diagnosing at least one potential or actual fault in a machine comprising:

a communications module for communicating machine data between the machine and the system;

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a fault recognition module for analyzing the machine data to determine at least one potential or actual faults, said fault recognition model including a plurality of filters wherein each filter is user configured to recognize a specific error in said machine; and

an expert system module having a fault tree with a starting point, where the expert system module is guided through the fault tree at a location other than the starting point of the fault tree by the determination of at least one potential or actual faults by the fault recognition module.

Cancel Claims 12 and 13.
